

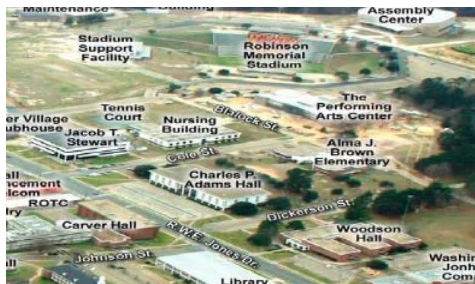


"110 Years of Tradition, Service and Excellence."

GRAMBLING STATE UNIVERSITY

Cleaning, Waterproofing and Painting Exterior

Betty E. Smith Nursing Building



Prepared October 13, 2016

Proprietary and confidential

Bid Opening: November 14, 2016 at 2:00 p.m.

Mandatory Pre-Bid Conference: October 31, 2016 at 10:00 a.m.

Grambling State University
Purchasing Department Conference Room
403 Main Street
Grambling, LA 71245

ADVERTISEMENT FOR BIDS

Sealed bids will be accepted in the office of the Purchasing Director in the Purchasing Department, located at 403 Main Street, Grambling, Louisiana until 2:00 p.m. CT **November 14, 2016** at which time they will be publicly opened and read aloud.

Bid # **50018-170005**: Cleaning, Waterproofing and Painting Exterior of Betty E. Smith Nursing Building.

A **Mandatory** Pre-Bid conference will be held on **October 31, 2016 at 10:00 a.m.** at the address stated above.

Bids must be returned to the Purchasing Office in a sealed envelope/container. Bids must be submitted on the form enclosed herewith (Proposal Form), and in strict conformity with the intent of same without modifications. Bids must be legibly signed in ink, dated, and title of person signing bid must be shown on bid.

Complete bidding documents may be obtained from the Purchasing Department, Grambling State University, Grambling, Louisiana, 71245, via fax request at (318) 274-3280.

Bids of \$50,000.00 or more will be considered only when the bidder certifies that he holds a current valid Louisiana Contractors license of proper classification and shows the current license number on the sealed bid envelope/container and above his signature on the bid forms as required under R.S. 37:2150-2163. Contractors desiring to bid shall submit evidence that they have a current Louisiana Contractors license of proper classification. All bids must be accompanied by bid security equal to five percent (5%) of the base bid and any additive alternates and must be in the form of a certified check, cashier's check or bid bond written by a company licensed to do business in Louisiana.

The successful bidder will be required to provide a performance and payment bond written by a company licensed to do business in Louisiana in an amount equal to 100% of the contract amount.

No bid may be withdrawn for a period of sixty (60) days after receipt of bids.

The Owner reserves the right to reject any/ all bids and waive any informalities incidental thereto.

Grambling State University adheres to the equal opportunity provisions of federal civil rights laws and regulations.

INSTRUCTIONS TO BIDDERS

ARTICLE 1

DEFINITIONS

- 1.1 The Bidding Documents include the following:
1. Instructions to Bidders
 2. Bid Form
 3. Contract between Owner and Contractor
 4. Performance and Payment Bond
 5. Affidavit of Compliance with Act 38, 1965 Louisiana State Legislature
 6. General Conditions of the Contract for Cleaning, Waterproofing and Painting Exterior of Betty E. Smith Nursing Building
 7. Supplementary (and amended General) Conditions
 8. Divisions of the Technical Specifications
 9. Addenda issued during bid period. (By Owner and acknowledged in bid form)
- 1.2 Addenda are written or graphic instruments issued prior to the execution of the Contract which modify or interpret the bidding documents, including Drawings and Specifications, by additions, deletions, clarifications or corrections. Addenda will become part of the Contract Documents when the Contract is executed.

ARTICLE 2

BIDDER'S REPRESENTATION

- 2.1 Each bidder, by submitting a bid, represents that s/he has read and understands the bidding documents.
- 2.2 **Each bidder, by submitting a bid, represents that s/he has visited the site and familiarized themselves with the local conditions under which the work is to be performed.**
- 2.3 Each bidder by submitting a bid understands they must be fully qualified under any state or local licensing law for Contractors in effect at the time and at the location of the project before submitting a bid. In the State of Louisiana; only the bids of contractors and sub-contractors duly licensed under Louisiana Revised Statute 37:2150, et. seq. will be considered, if applicable. The Contractor shall be responsible for ensuring all Sub-contractors or prospective Sub-contractors are duly licensed in accordance with the statute above.
- 2.4 Each bidder submitting a bid understands that GSU's Public Works Policy related to contractor licensure is that a contractor's license is required for any/all projects with an anticipated/bid cost greater than \$50,000

ARTICLE 3

BIDDING PROCEDURES

3.1 Calendar of Events:

3.1.1 Invitation to Bid Release Date: October 13, 2016

3.1.2 Pre-Bid Conference: A Mandatory Pre-Bid Conference will be held at **10:00 a.m., October 31, 2016** in the Purchasing Department Conference Room located at 403 Main St. Grambling, LA.

3.1.3 Deadline to receive bidder inquiries: 10:00 a.m. October 31, 2016

Deadline for responses to Bidder Inquiries: November 8, 2016

NOTES: Inquiries **MUST** be submitted in writing to: Alvin Bradley, Director of Purchasing at Grambling State University. Inquiries may be submitted via the U.S. postal service or commercial carrier to 100 Main Street, Grambling, LA 71245.

Inquiries may be submitted to Mrs. Gipson via email at gipsonm@gram.edu

3.1.4 Bid Opening Date: **November 14, 2016**

3.2 Bids must be prepared on the forms provided by the Owner (Proposal form) and submitted in accordance with the Instructions to Bidders.

3.3 A bid will be considered invalid if not deposited at the designated location prior to the time and date for receipt of bids indicated in the advertisement or invitation to bid, or prior to any extension thereof issued to the bidders.

3.4 Unless otherwise provided in any supplement to these Instructions to Bidders, no bidder shall modify, withdraw or cancel his bid or any part thereof for thirty days after the receipt of bids. However, written request (letter or telegram) for the withdrawal of a bid or any part thereof will be granted if the request is received prior to the specified time of opening. Formal bids, amendments thereto or request for withdrawal of bids or any part thereof received after time specified for bid opening will not be considered whether delayed in the mail or for any other cause whatsoever.

3.5 Bids are to be sealed and will be received until the time specified and at the place specified in the advertisement for bids. It shall be the specific responsibility of the Bidders to deliver sealed bids to Grambling State University at the appointed place and prior to the announced time for the opening of bids. Late delivery of a bid for any reason including late delivery by the United States Mail shall disqualify the bid.

Bids shall be considered valid for acceptance for a period of sixty (60) days after opening.

3.6 Prior to the receipt of bids, Addenda, if any, will be mailed or delivered (hard copy or email) to each person or firm recorded by the Owner as having received the bidding documents and will be available for inspection wherever the bidding documents are kept available for that purpose. Addenda issued after receipt of bids will be mailed or delivered only to the sealed bidder.

3.7 Bids for Public Works will not be considered or accepted unless the bid is accompanied by bid security in an amount of not less than five percent (5%) of the sum of the Base Bid and any Alternates. The bid security shall be in the form of a certified check drawn on a bank insured by the Federal Deposit Insurance Corporation, or a bid bond written by a surety company licensed to do business in Louisiana, accompanied by appropriate power of attorney and in favor of Grambling State University.

3.8 All Bids and Sureties must be signed by a duly authorized person of the firm or corporation and be accompanied by legal evidence authorizing the signature as valid.

3.9 Any interpretation, correction or change of the Bidding Documents will be made by Addendum. Interpretations, corrections or changes of the Bidding Documents made in any other manner will not be binding, and bidders shall not rely upon such interpretations, corrections and changes.

3.10 If bidding other than as specified, an indication must be made on the bid form, stating manufacturer's name and model number(s) being submitted for bid. Detailed specifications, drawings, pictures, brochures, diagrams or any other literature or information necessary to determine the equality of the bid response must be included with the bid form.

3.11 Prior to the issuance of a purchase order the successful bidder must submit the following items to the Purchasing Department, if applicable:

- a. Notarized affidavit
- b. Signed contract
- c. Insurance Certificate
- d. Proof of filing of Performance and Payment Bond with Power of Attorney, if applicable, and,
- e. Resolution of the Board of Directors, if incorporated granting signature authority to sign binding contracts on behalf of the business.

In accordance with La. R.S. 39:1615 C. And E., any contract entered into by Grambling State University as a result of this bid shall include the following Fiscal Funding Clause:

The continuation of this contract is contingent upon the appropriation of funds to fulfill the requirements of the contract by the legislature. If the legislature or Grant Funding Agency fails to appropriate sufficient monies to provide for the continuation of the contract, or if such appropriation is reduced by the veto of the Governor or by any means provided in the appropriations act or Title 39 of the Louisiana Revised Statutes of 1950 to prevent the total appropriation for the year from exceeding revenues for that year, or for any other lawful purpose, and the effect of such reduction is to provide insufficient monies for the continuation of the contract, the contract shall terminate on the date of the beginning of the first fiscal year for which funds are not appropriated."

ARTICLE 4

EXAMINATION OF BIDDING DOCUMENTS

- 4.1 Each bidder shall examine the bidding documents carefully and, not later than seven days prior to the date for receipt of bids, shall make written request to the Owner for interpretation or correction of any ambiguity, inconsistency or error therein which he may discover. Any interpretation or correction will be issued as an Addendum by the Owner. Only a written interpretation or correction by Addendum shall be binding. No bidder shall rely upon any interpretation or correction given by any other method.

ARTICLE 5

SUBSTITUTIONS

- 5.1 Each bidder represents that his bid is based upon the materials and equipment described in the bidding documents.

MANUFACTURER'S NUMBERS OR TRADE NAMES:

- 5.2 Where a manufacturer's product is named or specified, it is understood that "or equal" shall apply, whether stated or not. Such name and number is meant to establish the standard of quality desired and does not restrict bidders to the specific brand, make, manufacturer, or specification named; and are set forth and convey to prospective bidders the general style, type, character, and quality of product desired; and that equal products will be acceptable. Grambling State University shall determine whether the material is equal to that specified.

ARTICLE 6

REJECTION OF BIDS

- 6.1 The bidder acknowledges the right of the Owner to reject any or all bids and to waive any informality in any bid received. In addition, the bidder recognizes the right of the Owner to reject a bid if the bidder failed to furnish any required bid security, or to submit the data required by the bidding documents, or if the bid is in any way incomplete or irregular.

ARTICLE 7

AWARDS

- 7.1 Awards may not be made to any person, firm, or company in default of any contract. Said person, firm, or company shall be considered non-responsible bidders and may be reinstated and awards made to them only after they have given evidence of good faith and have satisfactorily completed their obligations.

PUBLICIZING AWARDS

- 7.2 Written notice of award shall be sent to the successful bidder. In procurement over \$25,000, each unsuccessful bidder shall be notified of the award provided that he/she submitted with his/her bid a self-addressed envelope requesting this information. Notice of award will be made a part of the procurement file.

RIGHT TO PROTEST

- 7.3 Any person who is aggrieved in connection with the solicitation or award of a contract shall protest to the Director Purchasing. Protests with respect to a solicitation shall be submitted in writing at least two days prior to the opening of bids on all matters except housing of state agencies, their personnel, operations, equipment, or activities pursuant to R.S. 39:1643 for which such protest shall be submitted at least ten days prior to the opening of bids. Protests with respect to the award of a contract shall be submitted in writing within fourteen days after contract award.

AUTHORITY TO RESOLVE PROTESTS:

- 7.4 Prior to the commencement of an action in court concerning any controversy, the Director of Purchasing or his/her designee shall have the authority, to resolve the protest of any aggrieved person concerning the solicitation or award of a contract. This authority shall be exercised in accordance with regulations.

ARTICLE 9

PAYMENT

- 9.1 All payments shall be made by Grambling State University through Title III Federal Funding.

ARTICLE 10

TAXES

- 10.1 Applicable taxes are to be included in lump sum bid.

ARTICLE 11

GUARANTEE

- 11.1 The materials and labor under this contract, as described in the specifications, shall be guaranteed by the Contractor for a period of **one year** from date of its acceptance against defects of materials or workmanship. Any defects which develop during this period shall be properly repaired or replaced without cost to the Owner as soon as possible. Also must provide manufactory's warranty.

ACCEPTANCE

- 11.2 The guarantee covering materials and labor under this contract will begin the date a Notice of Acceptance is issued to the Contractor by Grambling State University.

ARTICLE 12

CHANGES IN THE WORK

- 12.1 A Change Order is a written order to the Contractor signed by the Owner, issued after execution of the Contract, authorizing a Change in the Work or an adjustment in the Contract Sum or the Contract Time. The Contract Sum and the Contract Time may be changed only by Change Order. A Change Order signed by the Contractor indicates his agreement therewith, including the adjustment in the Contract Sum or the Contract Time. Any Change Order not signed by the Owner will be considered null and void.
- 12.2 The Owner, without invalidating the Contract, may order changes in the Work within the general scope of the Contract consisting of additions, deletions or other revisions, the Contract Sum and the Contract Time being adjusted accordingly. All such changes in the Work shall be authorized by Change Order, and shall be performed under the applicable conditions of the Contract Documents.
- 12.3 Any change order in excess of the contract limit as defined herein shall be let out for public bid. The term contract limit as used herein shall be equal to the sum of \$30,000 per project. When the Change Order is negotiated it shall be fully documented and itemized as to cost, including material quantities, material costs, insurance, employee benefits,

other related costs, profit and overhead. Where certain unit prices are contained in the initial contract no deviation shall be allowed in computing negotiated change order cost.

SUPPLEMENTARY CONDITIONS

ARTICLE 1

CONTRACTOR

CONTRACTOR'S LICENSE

- 1.1 On any bid amounting to \$50,000 or more, the Contractor shall certify that s/he is licensed under Act 377 of the 1976 Louisiana Regular Legislative Session and show the contractor license number and the bid number on the front portion of the sealed envelope/container; except projects financed, partially or wholly, with Federal Funds, provided that any successful Bidder before signing Contract thereon, files application for a license and pays the fee as provided in this Act and complies with all terms and provisions of this Act and with the rules and regulations of the Licensing Board.

CONTRACTOR'S AFFIDAVIT

- 1.2 In accordance with the Louisiana R.S. 38:2190 - 2220, if the Contract is awarded to the successful Bidder, the bidder shall, at the time of the signing of the Contract, execute the AFFIDAVIT included in the Contract Documents.

INTEREST

- 1.3 There shall be no payment of interest on money owed.

ARTICLE 2

PAYMENTS AND COMPLETION

SUBSTANTIAL COMPLETION

- 2.1 The Owner will issue a NOTICE OF ACCEPTANCE to the Contractor upon acceptance of the completed project.

FINAL COMPLETION AND FINAL PAYMENT

- 2.2 The Contract is to provide that the contractor is not to be paid more than ninety percent (90%) of the amount of the contract prior to completion of the work. At the completion and acceptance of the project, the remaining ten percent (10%) will be paid.

LIQUIDATED DAMAGES

- 2.3 The Owner will suffer financial loss if the Project is not substantially complete on the date set forth in the CONTRACT DOCUMENTS. The Contractor (and/or Surety) shall be liable for and shall pay to the Owner Liquidated Damages for each calendar day of delay until the work is Substantially Complete.

The Completion Time stated in Consecutive Calendar Days and the Liquidated Damages stated in Dollars Per Day are listed in the PROPOSAL FORM

ARTICLE 3

INSURANCE

INSURANCE: Contractor shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the Contractor, his agents, representatives, employees or subcontractors. **The cost of such insurance shall be included in the Contractor's bid.**

A. MINIMUM SCOPE OF INSURANCE

Coverage shall be at least as broad as:

1. Insurance Services Office form number GL 0002 (Ed. 1/73) covering Comprehensive General Liability and Insurance Services Office form number GL 0404 covering Broad Form Comprehensive General Liability; or Insurance Services Office Commercial General Liability coverage ("occurrence" form CG 0001). **"Claims Made" form is unacceptable. The "occurrence form" shall not have a "sunset clause."**
2. Insurance Services Office form number CA 0001 (Ed. 1/78) covering Automobile Liability and endorsement CA 0025 or CA 0001 12 90. The policy shall provide coverage for owned, hired, and non-owned coverage. If an

automobile is to be utilized in the execution of this contract, and the vendor/contractor does not own a vehicle, then proof of hired and non-owned coverage is sufficient.

3. Workers' Compensation insurance as required by the Labor Code of the State of Louisiana, including Employers Liability insurance.

B. MINIMUM LIMITS OF INSURANCE

Contractor shall maintain limits no less than:

1. Commercial General Liability: \$1,000,000 combined single limit per occurrence for bodily injury, personal injury and property damage.
2. Automobile Liability: \$1,000,000 combined single limit per accident for bodily injury and property damage.
3. Workers Compensation and Employers Liability: Workers' Compensation limits as required by the Labor Code of the State of Louisiana and Employers Liability coverage.

C. BUILDER'S RISK COVERAGE

A General Contractor shall purchase and maintain property insurance upon the entire work included in the contract for an amount equal to the greater of the full-completed value or the amount of the construction contract including any amendments thereto. The general contractor's policy shall provide "ALL RISK" Builder's Risk Insurance (extended to include the perils of wind, collapse, vandalism/malicious mischief, and theft, including theft of materials whether or not attached to any structure.) The "ALL RISK" Builder's Risk Insurance must also cover architects' and engineers' fees that may be necessary to provide plans and specifications and supervision of work for the repair and/or replacement of property damage caused by a covered peril not to exceed 10% of the cost of those repair and/or replacements.

Flood coverage shall be provided by the Contractor on the first floor and below for projects North of the Interstate Corridor beginning at the Texas-Louisiana border at Interstate 10 East to the Baton Rouge junction of Interstate 12, East to Slidell junction with Interstate 10 to Louisiana-Mississippi border. Flood sub-limit shall equal an amount no lower than ten percent (10%) of the total contract cost per occurrence. Coverage for roofing projects shall not require flood coverage.

On projects South of this corridor, flood coverage shall be provided by the State of Louisiana, as the owner, through the National Flood Insurance Program (NFIP). The Contractor will be liable for the \$5,000 deductible on the NFIP policy from the Notice to Proceed date through the Notice of Final Acceptance date of the project.

A specialty contractor shall purchase and maintain property insurance upon the system to be installed for an amount equal to the greater of the full-completed value or the amount of the contract including any amendments thereto. The specialty contractor may provide an installation floater with the same coverage as the "ALL RISK" Builder's Risk Insurance policy.

The policy must include the interest of the Owner, Contractor and Subcontractors as their interest may appear. The contractor has the right to purchase coverage or self-insure any exposures not required by the bid specifications, but shall be held liable for all losses, deductibles, self-insurance for coverage not required.

Policies insuring projects involving additions, alterations or repairs to existing buildings or structures must include an endorsement providing the following:

In the event of a disagreement regarding a loss covered by this policy which may also be covered by the State of Louisiana policy of self-insurance or any commercial property insurance policy purchased by the State of Louisiana, Office of Risk Management (ORM) covering in excess of the State of Louisiana, policy of self-insurance, this company agrees to follow the following procedure to establish coverage and/or the amount of loss:

Any party to a loss may make written demand for an appraisal of the matter in disagreement. Within 20 days of receipt of written demand, this company and either ORM or its commercial insurance company shall each select a competent and impartial appraiser and notify the other of the appraiser selected. The two appraisers will select a competent and impartial umpire. The appraisers will then identify the policy or policies under which the loss is insured and, if necessary, state separately the value of the property and the amount of the loss that must be borne by each policy. If the two appraisers fail to agree, they shall submit their differences to the umpire. A written decision by any two shall determine the policy or policies and the amount of the loss. Each insurance company (or ORM) agree that the decision of the appraisers and the umpire if involved will be binding and final and that neither party will resort to litigation. Each of the two parties shall pay its chosen appraiser and bear the cost of the umpire equally.

D. DEDUCTIBLES AND SELF-INSURED RETENTIONS

Any deductibles or self-insured retentions must be declared to and approved by the Agency. At the option of the Agency, either: the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects the Agency, its officers, officials, employees and volunteers; or the Contractor shall procure a bond guaranteeing payment of losses and related investigations, claim administration and defense expenses.

E. OTHER INSURANCE PROVISIONS

The policies are to contain, or be endorsed to contain, the following provisions:

1. General Liability and Automobile Liability Coverage
 - a. The Agency, its officers, officials, employees, Boards and Commissions and volunteers are to be added as "additional insured" as respects liability arising out of activities performed by or on behalf of the Contractor; products and completed operations of the Contractor, premises owned, occupied or used by the Contractor. The coverage shall contain no special limitations on the scope of protection afforded to the Agency, its officers, officials, employees or volunteers. It is understood that the business auto policy under "Who is an insured" automatically provides liability coverage in favor of Grambling State University and the State of Louisiana.
 - b. Any failure to comply with reporting provisions of the policy shall not affect coverage provided to the Agency, its officers, officials, and employees, Boards and Commissions or volunteers.
 - c. The Contractor's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.
2. Workers' Compensation and Employers Liability Coverage

The insurer shall agree to waive all rights of subrogation against the Agency, its officers, officials, employees and volunteers for losses arising from work performed by the Contractor for the Agency.
3. All Coverage

Each insurance policy required by this clause shall be endorsed to state that coverage shall not be suspended, voided, canceled by either party, or reduced in coverage or in limits except after thirty (30) days' prior written notice by certified mail, return receipt requested, has been given to the Agency.

F. ACCEPTABILITY OF INSURERS

Insurance is to be placed with insurers with an A.M. Best's rating of "**A- VI or higher**". This requirement will be waived for workers' compensation coverage only for those contractors whose workers' compensation coverage is placed with companies who participate in the State of Louisiana Workers' Compensation Assigned Risk Pool or the Louisiana Workers' Compensation Corporation.

G. VERIFICATION OF COVERAGE

Contractor shall furnish the Agency with certificates of insurance affecting coverage required by this clause. The certificates for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf. The certificates are to be received and approved by Grambling State University before work commences. Grambling State University reserves the right to require complete, certified copies of all required insurance policies, at any time.

H. SUBCONTRACTORS

Contractor shall include all subcontractors as insured under its policies or shall furnish separate certificates for each subcontractor. All coverage for subcontractors shall be subject to all of the requirements stated herein.

ARTICLE 4

QUALITY

STANDARD OF QUALITY

- 1.1 Where catalog numbers and/or manufacturer's names are referred to in the specifications, they are used for the purpose of conveying to the prospective bidders the type and design of equipment, or supplies desired; but it shall be understood that bidders may submit on other makes in lieu of that mentioned, providing such other item is similar in design and equal in quality. It is not expected that the items of all manufacturers shall conform exactly to every detail and dimension mentioned in the specifications; but the essential features of the items mentioned shall be provided in the items to be furnished.

SPECIFICATIONS

SECTION 01010 GENERAL PROVISIONS

PART 1 GENERAL

1.1 SCOPE (base Bid)

The scope of this project is the **Cleaning, waterproofing and painting the exterior of Betty E. Smith Nursing Building.** The contractor shall provide all labor, materials, equipment, etc., required to fulfill the intent of the Contract Documents:

This contract consists of exterior cleaning, waterproofing and painting of the above building located on the main Campus of Grambling State University. The work consists of pressure washing, remove all darken fungus growth, and other caulking , re-caulk, point, repair stucco, inject epoxy, repaint, and apply water repellent to the exterior surface Work includes but is not necessarily limited to exterior walls, windows, brick, columns, overhangs, and etc. to give the building a new appearance. . Provide all labor, materials and equipment.



SCHEDULE OF WORK

The contract duration is 60 days from the written notice to proceed. Work may not begin until after 8:00 am.

Liquidated damages are set at \$200.00 per day.

LOUISIANA UNIFORM PUBLIC WORK BID FORM

TO: Grambling State University
403 Main Street
Grambling, LA 71245

(Owner to provide name and address of owner)

BID FOR: Cleaning, waterproofing and painting the exterior
of Betty E. Smith Nursing Building
Grambling State University-Grambling, LA
Bid #500181-70005 Open Nov. 14, 2016 at 10 a.m.

(Owner to provide name of project and other identifying information)

The undersigned bidder hereby declares and represents that she/he; a) has carefully examined and understands the Bidding Documents, b) has not received, relied on, or based his bid on any verbal instructions contrary to the Bidding Documents or any addenda, c) has personally inspected and is familiar with the project site, and hereby proposes to provide all labor, materials, tools, appliances and facilities as required to perform, in a workmanlike manner, all work and services for the construction and completion of the referenced project, all in strict accordance with the Bidding Documents prepared by: Grambling State University, Grambling, LA and dated: October 13, 2016.

(Owner to provide name of entity preparing bidding documents.)

Bidders must acknowledge all addenda. The Bidder acknowledges receipt of the following **ADDENDA:** (Enter the number the Designer has assigned to each of the addenda that the Bidder is acknowledging) _____

TOTAL BASE BID: For all work required by the Bidding Documents (including any and all unit prices designated "Base Bid" * but not alternates) the sum of:

_____ Dollars (\$ _____)

ALTERNATES: For any and all work required by the Bidding Documents for Alternates including any and all unit prices designated as alternates in the unit price description.

Alternate No. 1

N/A _____ Dollars (\$ _____)

Alternate No. 2

N/A _____ Dollars (\$ _____)

Alternate No. 3

N/A _____ Dollars (\$ _____)

NAME OF BIDDER: _____

ADDRESS OF BIDDER: _____

LOUISIANA CONTRACTOR'S LICENSE NUMBER: _____

NAME OF AUTHORIZED SIGNATORY OF BIDDER: _____

TITLE OF AUTHORIZED SIGNATORY OF BIDDER: _____

SIGNATURE OF AUTHORIZED SIGNATORY OF BIDDER **: _____

DATE: _____

* The Unit Price Form shall be used if the contract includes unit prices. Otherwise it is not required and need not be included with the form. The number of unit prices that may be included is not limited and additional sheets may be included if needed**. If someone other than a corporate officer signs for the Bidder/Contractor, a copy of a corporate resolution or other signature authorization shall be required for submission of bid. Failure to include a copy of the appropriate signature authorization, if required, may result in the rejection of the bid unless bidder has complied with La. R.S. 38:2212(A) (1) (c) or RS 38:2212(O).

BID SECURITY in the form of a bid bond, certified check or cashier's check as prescribed by LA RS 38:2218.A is attached to and made a part of this bid.

ACCESS, DAMAGE TO EXISTING STRUCTURES, AND TRAFFIC RESTRICTIONS

The Contractor shall be permitted access to the site at the Owner's convenience. The Contractor shall be responsible for any repair and/or replacement of existing lawns, ditches, concrete sidewalks or gutters, fencing or any other structures existing in the area which they shall have damaged. the Contractor shall conduct a preconstruction site survey with Owner so that any such elements then needing repair or which is already damaged in any manner may be properly identified, described, and recorded with the Owner. If no such damage is recorded, then any structures over which the Contractor has crossed during construction and/or are later found to be damaged shall be considered to have been damaged by him and shall be repaired and/or replaced by the Contractor as necessary to return them to their original condition to the satisfaction of the Owner at no cost to the Owner.

OWNER REPRESENTATIVE

For questions pertaining to the bid, contact, GSU Purchasing, at 318-274-3280. For questions pertaining to plans and specifications, contact Mr. L. Ray Dudley 318-274-6227. All written requests for time extensions and change orders shall be handled through the Office of Facility Management.

UTILITIES

The Owner will furnish water and electricity which may be required by the Contractor during construction operations. The Contractor shall provide any necessary connections and extensions from existing utility lines or outlets at the site. Temporary discontinuance of any utility services shall be coordinated in advance with the Owner. *Outlets are limited to 110/120 volt, 20 amp.*

PROTECTION

The Contractor shall at all times be responsible for insuring the safety of all occupants and users of the building from injury or damage resulting from any contact with the work, workmen, or equipment. He shall be further responsible for the erection of any barricades to preclude such injury or damage. *Extra care will be taken to avoid spray from entering a room through the window air conditioner or open window. Any incident of water entering a room is to be reported immediately.*

EQUIPMENT CLEANUP

Contaminated water and solvents used for daily equipment cleanup will be stored in large containers for off-site disposal. **DISPOSAL IN ANY CAMPUS DRAINAGE SYSTEM IS STRICTLY FORBIDDEN.** Any violation of this requirement will result in a \$200.00 deduction in the contract amount per occurrence.

WARRANTY

Contractor shall provide a one (1) year labor and material warranty.

END OF SECTION 01010

SECTION 04500 - MASONRY CLEANING AND REPAIR

PART 1 - GENERAL

SUMMARY

Masonry restoration work includes exposed aggregate stucco, stone and other masonry repair and cleaning. Repair defective areas as required. Defective areas are defined as areas where cracks have developed, areas have spalled,, and where masonry has deteriorated or is loose.

PROJECT CONDITIONS

Clean masonry surfaces only when air temperatures are 40°F (4C) and above and will remain so until masonry has dried out, but for not less than 7 days after completion of cleaning.

Do not repoint mortar joints or repair masonry unless air temperatures are between 40°F (4C) and 30°F (27C) and will remain so for at least 48 hours after completion of work.

Prevent grout or mortar used in repointing and repair work from staining face or surrounding masonry and other surfaces. Remove immediately grout and mortar in contact with exposed masonry and other surfaces.

Protect sills, ledges and projections from mortar droppings.

SEQUENCING/SCHEDULING

Perform work before other work proceeds to areas below.

Do not proceed with application of water repellent until masonry restoration work and caulking are completed.

PART 2 - PRODUCTS

MORTAR MATERIALS

Portland Cement: ASTM C 150, Type I.

Hydrated Lime: ASTM C 207, Type S.

Aggregate for Mortar: ASTM C 144, unless otherwise indicated.

Colored Mortar Aggregate: Natural or manufactured sand selected to produce mortar color to match existing. For pointing mortar provide sand with rounded edges. Match size, texture and gradation of existing mortar and aggregate as closely as possible.

Water: Clean, free of oils, acids, alkalis and organic matter.

CLEANING MATERIALS AND EQUIPMENT

Water: Clean, potable, free of oils, acids, alkalis, salts and organic matter.

Spray Equipment: For controlled spray application of water at rates indicated for pressure, measured at spray tip and for volume. For spray applications of water provide fan-shaped spray-tip which disperses water at angle of not less than 15 degrees.

MORTAR MIXES

General: Do not add admixtures including air-entraining agents, accelerators, retarders, water repellent agents, anti-freeze compounds or other admixtures, unless otherwise indicated. Do not use calcium chloride.

Mixing: Mix mortar in a mechanical batch mixer. Comply with referenced ASTM standards for mixing time and water content.

Mortar: ASTM C 270, Proportion Specification, for Type S mortar.

Colored Mortar: Produce mortar of color required by use of selected ingredients.

PART 3 - EXECUTION

PREPARATION

Project persons, motor vehicles, surrounding surfaces of building whose masonry surfaces are being cleaned and restored, building site and surrounding buildings from injury resulting from masonry restoration work.

Do not clean masonry during winds of sufficient force to spread cleaning solutions to unprotected surfaces.

Dispose of run-off from cleaning operations by means and in manner which prevents water penetration into building interiors.

Erect temporary protection covers over pedestrian walkways and at points of entrance and exit for persons and vehicles which must remain in operation during course of masonry restoration work.

Protect glass, metal and other items from contact with chemical cleaners by covering them with polyethylene film and waterproof masking tape. Apply masking agent to comply with manufacturer's recommendations.

CLEANING EXISTING MASONRY, GENERAL

Proceed with cleaning in an orderly manner: work from top to bottom of each scaffold width and from one end of each elevation to the other. Use whatever chemicals necessary to remove stains.

Perform cleaning in a manner which results in uniform coverage of surfaces, including corners, moldings and which produces an even effect without streaking or damage to masonry surfaces.

Rinse off soil by working upwards from top to bottom of each treated area at each stage or scaffold setting.

Remove heavy accumulations of adhesives or sealants using scrapers or other methods. Allow surfaces to dry thoroughly. Apply sufficient Dicone NC 15 Gel to produce a 1/8" to 1/4" buildup over the stain or residue to be removed. Allow to remain for 15 - 30 minutes or until residue softens, "lifts" or shows signs of dissolving. NC 15 may be left on the surface for several hours.

NOTE: Do not allow NC 15 to dry on the surfaces. If tests indicate long waiting periods are necessary, reapply gel to prevent drying. Some sealants and adhesives require multiple applications and/or dwell times for complete removal.

Remove NC 15 and residues with pressure washing rinsing equipment. Where such equipment cannot be used, brush the repeated surface vigorously with a soft bristle brush and warm water. Rinse thoroughly to ensure all residues are removed from the surface. Reapply as required, repeat above steps.

NOTE: If residues remain after water rinsing, the surface must be allowed to thoroughly dry before reapplication of NC 15 Gel. Reapplication to damp or wet surfaces will greatly reduce the effectiveness of the NC 15 Gel.

WATER APPLICATION METHODS

Spray-apply water to masonry surfaces to comply with requirements indicated for location. Purpose of water temperature, pressure, volume and equipment. Unless otherwise indicated, hold spray nozzle not less than 6 inches (152 mm) from surface of masonry and apply water from side to side in overlapping bands to produce uniform coverage and an even effect.

Spray Pressure: 2,500 psi at 3 gpm minimum. Test spray a small area to ensure selected pressure will not remove or erode existing sound masonry wall materials. Adjust and decrease pressure until no erosion of materials are observed. Use a bleach solution 3:1 to remove mildew or algae. Apply to all exterior masonry surfaces.

REPOINTING EXISTING MASONRY

Joint Raking: Rake out mortar from joints to depth equal to 2 ½ times their widths but not less than ½ inches (13 mm) nor less than that required to expose sound, unweathered mortar. Remove mortar from masonry surfaces within raked-out joints to provide reveals with square backs and to expose masonry for contact with pointing mortar. Brush, vacuum or clean joints to remove dirt and loose debris. Do not spall edges of masonry units or widen joints. Replace masonry units which become damaged. Cut out old mortar by hand with chisel and mallet unless otherwise indicated. Remove rust from steel lintels and other metals and apply a rust-inhibitive primer before pointing.

Joint Pointing:

Rinse masonry joint surfaces with water to remove dust and mortar particles. Time application of rinsing so that, at time of pointing, excess water has evaporated or run off, and joint surfaces are damp but free of standing water.

Apply first layer of pointing mortar to areas where existing mortar was removed to depths greater than surrounding areas. Apply in layers not greater than 3/8 inch (10 mm) until a uniform depth is formed.

Compact each layer thoroughly and allow to become thumbprint-hard before applying next layer.

After joints have been filled to a uniform depth, place remaining pointing mortar in 3 layers with each of first and second layers filling approximately 2/5 of joint depth and third layer the remaining 1/5.

Fully compact each layer and allow to become thumbprint hard before applying next layer.

Where existing bricks/stone have rounded edges recess final layer slightly from face. Take care not to spread mortar over edges onto exposed masonry surfaces or to featheredge mortar.

When mortar is thumbprint hard, tool joints to match original appearance of joints, unless otherwise indicated.

Remove excess mortar from edge of joint by brushing.

Cure mortar by maintaining a damp condition for not less than 72 hours.

Repair cracked and/or deteriorated exposed aggregate stucco using a similar method as above. Repoint cracks larger than hairline and embed or include aggregate in mix for cracks larger than 1/8" wide. Do not grind out or V-groove existing cracks.

For stucco patches where existing chunks have fallen off, use stainless steel dowels 1/8" in diameter imbedded 1" into the existing substrate using epoxy cement. Dowels to be at 4" on center.

FINAL CLEANING

After mortar has fully hardened, thoroughly clean exposed masonry surfaces of excess mortar and foreign matter using an acidic cleaner. Apply and rinse as per manufacturer's written instructions.

END OF SECTION 0450

SECTION 07900 - SEALANTS

RELATED DOCUMENTS

Provisions of the Contract Documents govern work under this Section.

WORK INCLUDED

Sealant work required by the Contract Documents is included under this Section.

Caulk all exterior doors, windows, expansion joints, metal frames, wall penetrations, cracks in stucco greater than 1/8", etc.

MATERIALS

1. Caulking for doors, windows, metal frames -- Single part non-sag urethane sealant, having a minimum $\pm 25\%$ maximum movement capability after cure as per ASTM C 719. Color as selected by Architect from manufacturer's standard colors. Acceptable manufacturers: Pecora, Sika, Sonneborn and Tremco.

2. Caulk for expansion joints, wall penetrations, and cracks in stucco greater than 1/8" and less than 1/4" – One part, neutral curing, low modulus silicone sealant such as Dow Corning 790. Color to be custom matched. On stucco repairs, use sand to press into wet caulk and dust with a soft brush to remove excess sand.

Sealant primer (if required) shall be of type recommended by the manufacturer of the sealant material.

Cleaning solvents (if required) shall be of type recommended by the manufacturer of the sealant material.

Back-up material shall be soft, closed cell polyethylene foam backer rod of highly flexible and compressible characteristics, intended for use with cold sealant materials. The diameter of the rod shall be 1/8" more than the width of the joint. In shallow joints where rod cannot be used, polyethylene bond breaker tape shall be used.

3. Material for cracks less than 1/8" - Two part epoxy, Superior Joint Seal 80 FR, Dark Beige 157-2 by Superior Epoxies and Coatings, 1-800-240-1310. Clean joint per manufacturer's instructions, inject epoxy into crack, press sand into the wet epoxy, and dust with a soft brush to remove excess sand. Workmanship shall be performed in a neat manner as to prevent epoxy from getting on adjacent surfaces. Do not let it drip or run out of joint.

APPLICATION

Application shall be in accordance with the sealant manufacturer's standard specification.

Joint surfaces shall be clean, dry and free of dust, loose mortar, oil, grease, or other foreign materials.

Joint depth shall be one half of joint width. Foam backer rod shall be packed into joints as required to provide proper depth of joint.

Prior to the application of caulking sealant, all joint surfaces shall be primed in accordance with the manufacturer's recommendations (if required).

Remove all loose, hardened and/or deteriorated caulking presently installed at existing perimeter joints around windows and doors.

Apply the sealant with gun having nozzles of proper size and shape for the joint. Use sufficient pressure to fill all voids and joints solid; superficial pointing or priming material to remain on the exposed faces of adjacent surfaces. Do not trim edge of caulking with knife or other instrument after joints are tooled.

Remove excess material and leave surfaces neat, smooth and clean. Sealed joints shall be watertight. The finished joint shall have a smooth, even finish and conform to the size and shape as required.

Touch-up paint to match existing where sealant laps over painted areas.

END OF SECTION 07900

SECTION 09900 - PAINTING

1. RELATED DOCUMENTS

The general provisions of the contract, including General and Supplementary Conditions and general requirements, apply to the work specified in this section.

2. DESCRIPTION OF WORK

The work includes painting and finishing of exterior items and surfaces throughout the project.

Surface preparation, priming, and coats of paint specified are in addition to shop priming and surface treatment specified under other section of the work.

Pressure wash exterior surfaces with a bleach to water ratio of 1:5 and rinse with a minimum of 2500 p.s.i.. Wash walks/drives within 50 feet of building.

Remove and replace caulk with a single component urethane equal to Sonoborne NP 1.

Fill rust holes in metal with bond type filler and mesh, if necessary, and sand smooth.

Replace/repair damaged/broken cast stone.

Replace rotted wood with fir or other locally available wood suitable for repair work Prime all sides prior to installation

Replace rusted metal with new metal to match existing in type and size. Where applicable, embed into steps, walls, or other masonry to match existing.

3. SUBMITTALS

Samples: Submit samples for Owner's review of color and texture only. Compliance with all other requirements is the exclusive responsibility of the Contractor. Provide a listing of the material and application for each coat of each finish sample.

4. DELIVERY AND STORAGE

Deliver all materials to the job site in original, new, and unopened packages and containers bearing manufacturer's name and label.

5. JOB CONDITIONS

Apply solvent-thinned paints only when the temperature of surface to be painted and the surrounding air temperatures are between 50°F and 95°F, unless otherwise permitted by the paint manufacturer's printed instructions.

6. PAINTING MATERIALS

Material Quality: Provide only the best quality grade of the various types of coatings as regularly manufactured by ICI Dulux, Devoe, Farrell Calhoun & Sherwin Williams. Painters or Architectural Lines will not be acceptable. Materials not displaying the manufacturer's identification as a standard, best-grade product will not be acceptable.

7. PAINTING SYSTEMS - The following is not necessarily inclusive of all items and should be used as a guide only.

Painted Wood: Apply putty or plastic wood filler to holes/imperfections.

Spot Prime: ICI Decra-Shield Exterior Acrylic Latex Primer No. 2000.

Finish Coat (2 each minimum): Devoe Devflex 4206 Waterborne Acrylic Semi-gloss Enamel.

Stained Wood: Sand with medium grit paper then fine grit paper, apply Glidden Deglosser & Cleaner No. 66, apply putty or tinted wood filler to holes/imperfections.

Spot Stain: Apply stain to match existing to scratches and bare wood.

Finish Coat (2 each minimum): Spar varnish Clear Finish Satin or Gloss Sheen.

Masonry Block and Concrete: (Previously coated)

Prime Coat: Devoe Devflex 4206 Waterborne Acrylic Semi-gloss Enamel.

Finish Coat: Devoe Devflex 4206 Waterborne Acrylic Semi-gloss Enamel.

Ferrous Metal:

Spot Prime: Devoe Devguard 4160 Tank and Structural Primer.

Finish Coat (2 each minimum): Devoe Devguard 4308 Alkyd Industrial Enamel.

Galvanized Metal:

Spot Prime Rusted Areas: Devoe Devguard 4160 Tank and Structural Primer.

Finish Coat: (2 each minimum) Devoe Devflex 4206 Waterborne Acrylic Semi-Gloss Enamel.

Stucco, Stone and other non painted Masonry: One coat: Chem-trete BSM 40 VOC clear water repellant isobutyltrialkoxysilane.

Product Data: Submit manufacturer's technical information including paint label analysis and application instructions for each material proposed for use.

SUBSTITUTIONS

General: For products specified herein, Bids shall be based on products named in Project Manual or on items which Owner has designated as an "approved equal". A product not name approved by Owner will only be acceptable when such product meets all other requirements of Specifications, including specifications of originally specified products' manufacturer as of date of Contract Documents. Requests for Substitutions: Requests for Owner's approval of a product as equal will not be considered unless sufficient data for evaluation is received by owner seven (7) days prior to the Bid Opening Date.

Submittals: Submit a separate request for each Product.

Note: Owner's approval of an item for a previous project does not constitute approval for this Project.

COLORS AND SAMPLES

Paint Colors: As selected by Owner. Contractor will furnish color chips, color schedule before painting Work is begun. Prepare samples as required. Do not proceed beyond "prime" or "size" stage until colors have been approved.

DELIVERY AND STORAGE

Delivery: Deliver materials to site in original, new and unopened packages and containers bearing manufacturer's name and label, and following information:

- A. Name or title of material.
- B. Federal Spec. number, if applicable.
- C. Manufacturer's stock number and date of manufacture.
- D. Manufacturer's name.
- E. Contents by volume, for major pigment and vehicle constituents.
- F. Thinning instructions.
- G. Application instructions.

H. Color name and number.

Storage: All paint materials used on Project shall be stored in a single place or space. Storage area shall be kept clean; all damage to storage area or its surrounding shall be repaired as required.

Note: Remove from building at end of each work day; oily rags, waste, etc.; take every precaution to avoid danger of fire.

8. INSPECTION

Applicator must examine the areas and conditions under which painting work is to be applied and notify the Contractor in writing of conditions detrimental to the proper and timely completion of the work. Do not proceed with the work until unsatisfactory conditions have been corrected in a manner acceptable to the Applicator.

Starting of painting work will be construed as the Applicator's acceptance of the surfaces and conditions within any particular area.

Surface contamination such as oil, grease, loose paint, mill scale, dirt, foreign matter, rust, mold, mildew, mortar, efflorescence and sealers must be removed to assure sound bonding to the tightly adhering old paint. This Contractor shall test the existing surface for adhesion as well.

Remove all loose flaking paint. Feather edge old existing coating to a tight substrate.

Glossy surfaces of old paint films shall be cleaned and dulled by sanding before repainting. Remove sanding dust. Spot prime all bare areas with the appropriate primer.

Check for compatibility of the previously painted surface with the new coating by applying a test patch of 2-3 square feet. Allow to dry thoroughly, check adhesion.

9. MATERIALS PREPARATION

Mix and prepare painting materials in accordance with manufacturer's directions.

Store materials not in actual use in tightly-covered containers.

Stir materials before application to produce a mixture of uniform density and stir as required during the application of the materials. Do not stir surface film into the material. Remove the film and, if necessary, strain the material before using.

Apply paint in accordance with the manufacturer's written directions. Use applicators and techniques best suited for the substrate and type of material being applied.

Apply additional coats when undercoats, stains, or other conditions show through the final coat of paint, until the paint film is of uniform finish, color, and appearance. Give special attention to insure that all surfaces, including edges, corners, crevices, welds, and exposed fasteners receive a dry film thickness equivalent to that of flat surfaces.

Paint surfaces behind movable equipment and furniture the same as similar exposed surfaces. Paint surfaces behind permanently fixed equipment or furniture with prime coat only before final installation of equipment. Paint interior surfaces of ducts, where visible through registers or grilles, with a flat, non-specular black paint.

Finish doors on tops, bottoms, and side edges the same as the exterior faces, unless otherwise indicated.

Sand lightly between each succeeding enamel or varnish coat.

Scheduling Painting:

EXTERIOR PAINTING

General: Provide following paint systems for various exterior substrates, as indicated.

Exterior Paint System EP-1: Structural steel framing, steel piping and any other unpainted steel shall be painted as follows:

A. Full-Gloss, Acrylic-Enamel Finish: 2 finish coats over a rust-inhibitive primer.

B. Primer: Rust-inhibitive metal primer applied at spreading rate recommended by the manufacturer to achieve a total dry film thickness of not less than **1.3 mils**.

1. Devoe: 13101 Mirrolac Rust Penetrating Metal Primer.
2. Fuller: 621-04 Blox-Rust Alkyd Metal Primer.
3. Glidden: 5205 Glid-Guard Tank & Structural Primer, Red.
4. Moore: Retard-X Rust-Inhibitive Latex Primer #162.
5. PPG: 6-208 Speedhide Interior/Exterior Rust Inhibitive Steel Primer.
6. P & L: S/D 1009 Suprime "9" Interior/Exterior Alkyd Metal Primer.
7. S-W: Kem Kromik Metal Primer B50N2/B50W1.

C. First and Second Coats: Full-gloss, waterborne, acrylic enamel applied at spreading rate recommended by the manufacturer to achieve a total dry film thickness of not less than **2.4 mils**.

1. Devoe: 84XX Mirrolac-WB Interior-Exterior Waterborne High Gloss Enamel.
2. Fuller: 669-XX Weather King II Gloss House & Trim Paint.
3. Glidden: 6900 Series Lifemaster Pro Hi-Performance Acrylic Coating.
4. Moore: Impervex Enamel #309.
5. PPG: 90 Line Pitt-Tech One Pack Interior/Exterior High Performance Waterborne High Gloss DTM Industrial Enamels.
6. P & L: Z/F 2900 Series Enducryl Acrylic Maintenance Enamel.
7. S-W: DTM Acrylic Coating Gloss (Waterborne) B66W100 Series.

D. First coat not required on items delivered shop primed.

E. Note: Paint steel framing, steel piping and other unpainted ferrous metal items exposed to view or weather with enamel paint of color to be selected.

Exterior Paint System EP-2: Zinc-Coated Metal; provide the following

2. Fuller: 621-05 Blox-Rust Latex Metal Primer.
3. Glidden: 5205 Glid-Guard Tank & Structural Primer, Red.
4. Moore: IronClad Galvanized Metal Latex Primer #155.
5. PPG: 90-709 Pitt-Tech One Pack Interior/Exterior Primer/Finish DTM Industrial Enamel.
6. P & L: Z/F 1003 Suprime "3" Interior/Exterior Latex Metal Primer

C. First and Second Coat: Low-luster (eggshell or satin), exterior, acrylic-latex paint applied at spreading rate recommended by the manufacturer to achieve a total dry film thickness of not less than **2.8 mils**.

1. Devoe: 16XX Wonder-Shield Exterior Acrylic Latex Satin House and Trim Paint.
2. Fuller: 261-XX Eggshell Sheen Latex House and Trim Paint.
3. Glidden: 6700 Series Spred Ultra Exterior Satin Latex House and Trim Paint.
4. Moore: MoorGard Latex House Paint #103.
5. PPG: 76 Line Sun-Proof Exterior House & Trim Acrylic Satin Latex.
6. P & L: Z/F 4200 Series Accolade Exterior Eggshell.

Apply the first coat materials to surfaces that have been cleaned, pre-treated, or otherwise prepared for painting as soon as practicable after preparation and before subsequent surface deterioration.

Allow sufficient time between successive coatings to permit proper drying. Do not re-coat until paint has dried to where it feels firm, does not defer or feel sticky under moderate thump pressure, and the application of another coat of paint does not cause lighting or loss of adhesion of the undercoat.

Minimum Coating Thickness:

Apply each material at not less than the manufacturer's recommended spreading rate as recommended by coating manufacturer.

Prime Coats: Apply a prime coat of material which is required to be painted or finished and which has not been prime coated by others.

Re-coat primed and sealed surfaces where there is evidence of suction spots or unsealed areas in first coat to assure a finish coat with no burn-through or other defects due to insufficient sealing.

Pigmented (Opaque) Finishes:

Completely cover to provide an opaque, smooth surface of uniform finish, color, appearance, and coverage. Cloudiness, spotting, holidays, laps, brush marks, runs, sags, ropiness, or other surface imperfection will not be acceptable.

Completed Work:

Match approval samples for color, texture, and coverage. Remove, refinish, or repaint work not in compliance with specified requirements.

10. CLEAN-UP AND PROTECTION

Clean-Up:

During the progress of the work, remove from the site all discard paint materials, rubbish, cans, and rags at the end of each work day. The use of University dumpsters is strictly forbidden.

Upon completion of painting work, clean window glass and other paint-spattered surfaces. Clean the exterior of all glass with scrapers, solvents, cleaners, etc. to remove existing paint and other marks, dirt, etc. Remove spattered paint by proper methods of washing and scraping, using care not to scratch or otherwise damage finished surfaces.

Protection:

Protect work of other trades, whether to be painted or not, against damage by painting and finishing work. Correct any damage by cleaning, repairing or replacing, and repainting as acceptable to the Architect.

At the completion of work of other trades, touch up and restore all damage or defaced painted surfaces.

END OF SECTION 09900

SECTION 09910 - WATER REPELLENT COATINGS

DESCRIPTION

Work included: Provide water repellent coatings as specified herein, and as needed for complete and proper installation.

QUALITY ASSURANCE

Use adequate numbers of skilled workmen who are thoroughly trained and experienced in the necessary crafts and who are completely familiar with the specified requirements and the methods needed for proper performance of the work of this Section.

Manufacturer's certification: Make required arrangements and pay the costs for a visit to the job site by an authorized representative of the manufacturer of the approved water repellent coating, who shall inspect and certify that:

1. The surfaces to which the water repellent coating was to be applied were in proper condition to receive that application.
2. The installers were properly trained in the manufacturer's recommended installation procedures and were prepared to use the application equipment recommended by the manufacturer.
3. The materials delivered to the job were those approved by the Architect for the work of this Section.

SUBMITTALS

Product data: Within 7 calendar days after the Contractor has received the Owner's Notice to Proceed, submit:

1. Materials list of items proposed to be provided under this Section.
2. Manufacturer's specifications and other data needed to prove compliance with the specified requirements.
3. Manufacturer's recommended installation procedures which, when approved by the Architect, will become the basis for accepting or rejecting actual installation procedures used on the Work.

MATERIALS

Waterproofing shall be clear, non-staining, and shall meet all requirements of Federal Specification SS-S-001416 AMD #3.

Organosilane (40% isobutyl trialkoxy silane in alcohol) such as Chem-Treat BSM 40 VOC.

HANDLING

Materials shall be delivered to the job in sealed containers with manufacturer's original labels attached.

Materials shall be stored in a dry place and protected from freezing and damage to containers.

PREPARATION

Thoroughly clean all masonry and stone coping by steam cleaning or high pressure water blast. Surfaces must be clean and free to all dirt and foreign mater. See previous section on cleaning.

All repointing must be completed and allowed to cure at least 3 days. Patching material, caulking and sealing materials must be fully cured before applying water repellent.

APPLICATION

Application shall be done according to waterproofing material manufacturer's best recommendations for this type of application. Apply sufficient coats of the approved material to achieve a consistent and uniform appearance, free from runs and sags, and with a uniformly resistive surface which will prevent penetration of water through the walls for the required period of warranty.

SAMPLES

Submit samples of all waterproofing materials to Architect for approval. Each type shall be accompanied by a certificate stating that the material has met the requirements herein specified.

FINAL CLEANING

Clean site of all unused products, residues, wastes, etc. Clean windows thoroughly including existing marks, stains, paint, etc. Remove all traces of splashed materials from adjacent areas. In the event of stubborn stains not removable with water, the Owner may require light sandblasting or other cleaning at no additional cost to the Owner.

WARRANTY

Provide a 5 year water repellant manufacturer's warranty.

END OF SECTION 09910

END OF SPECIFICATION

